

ABSTRACT

A disc brake system of the kind comprising an axially fixed hub and at least one slideable brake disc comprises a resilient device acting between the disc and the hub to control certain aspects of the movement of the brake disc during use. Despite the thermal differential arising in use between the brake disc and the central hub due to the localized heat generation of the brake system and the mass and thermal capacity differences between the hub and the brake disc, whereby the hub would be expected to provide a more satisfactory mounting, the resilient device acting between the disc and the hub to control the disc dynamics is mounted on the disc. Such provides independence of the resilient bias with respect to disc position and disc relationship to another disc and with respect to simplicity of mounting and avoidance of dirt entrapment.

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